

DETAILED ACTION

Election/Restrictions

1. Restriction filed on 06/24/2009 was improper therefore the previous restriction is now withdrawn and the previously withdrawn claims 6-19 are now allowed.

Allowable Subject Matter

1. Claim 6 is allowed.
2. The following is a statement of reasons for the indication of allowable subject matter: None of the references either singularly or in combination teach or fairly suggest a method for converting input data representing a color formed from only two colors to output data representing a color formed from at least three colors, comprising: receiving the two-color input data in the form of two colors, a primary color and a secondary color; determining, for each color of the two-color input data, an equivalent color defined in a full color space by applying a first function to each color of the two-color input data; determining, from the two-color input data, a screen characteristic for the primary color and the secondary color; determining which screen characteristic is of a lesser value, and then determining if the lesser value is equal to zero; if the lesser value screen characteristic is zero, generating an intermediate output that is a function of only one of the primary and secondary colors, otherwise, generating an intermediate output that is a function of both the primary and secondary colors, wherein the intermediate outputs include a highlight color, a highlight color percentage and a black percentage; and processing the intermediate output using a second function to generate the output data representing a single color defined in at least three color space.

3. Claims 7-14 are allowed because they depend on allowed claim 6.
4. Claim 15 is allowed.
5. The following is a statement of reasons for the indication of allowable subject matter: None of the references either singularly or in combination teach or fairly suggest a method of instructing a printing system which prints using at least three colorants to print a predetermined color defined using only a first and second color, comprising: creating a schema to represent said first and second colors, said palette including, palette names and colorant names, for generating different colors; using a processor, determining, for each color of the two-color input data, an equivalent color defined in a full color space by applying a first function to each color of the two-color input data; determining, from the two-color input data, a screen characteristic for the primary color and the secondary color; determining which screen characteristic is of a lesser value, and then determining if the lesser value is equal to zero; if the lesser screen characteristic is zero, generating an intermediate output that is a function of only one of the primary and secondary colors, otherwise, generating an intermediate output that is a function of both the primary and secondary colors, wherein the intermediate outputs include a highlight color, a highlight color percentage and a black percentage; and processing the intermediate output using a second function to generate the output data representing a single color defined in at least three color space and storing said output data in a schema.
6. Claims 16-19 are allowed because they depend on allowed claim 6.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to IRIANA CRUZ whose telephone number is (571)270-3246. The examiner can normally be reached on Monday-Friday 7:30am to 4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, King Y. Poon can be reached on (571) 272-7440. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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